

LESS EXTERNAL LOAD (LESS CAPACITANCE) CAUSES THE ANTENNA TO CHARGE TO A HIGHER VOLTAGE.

MORE EXTERNAL LOAD (MORE CAPACITANCE) CAUSES THE ANTENNA TO CHARGE TO A LOWER VOLTAGE.

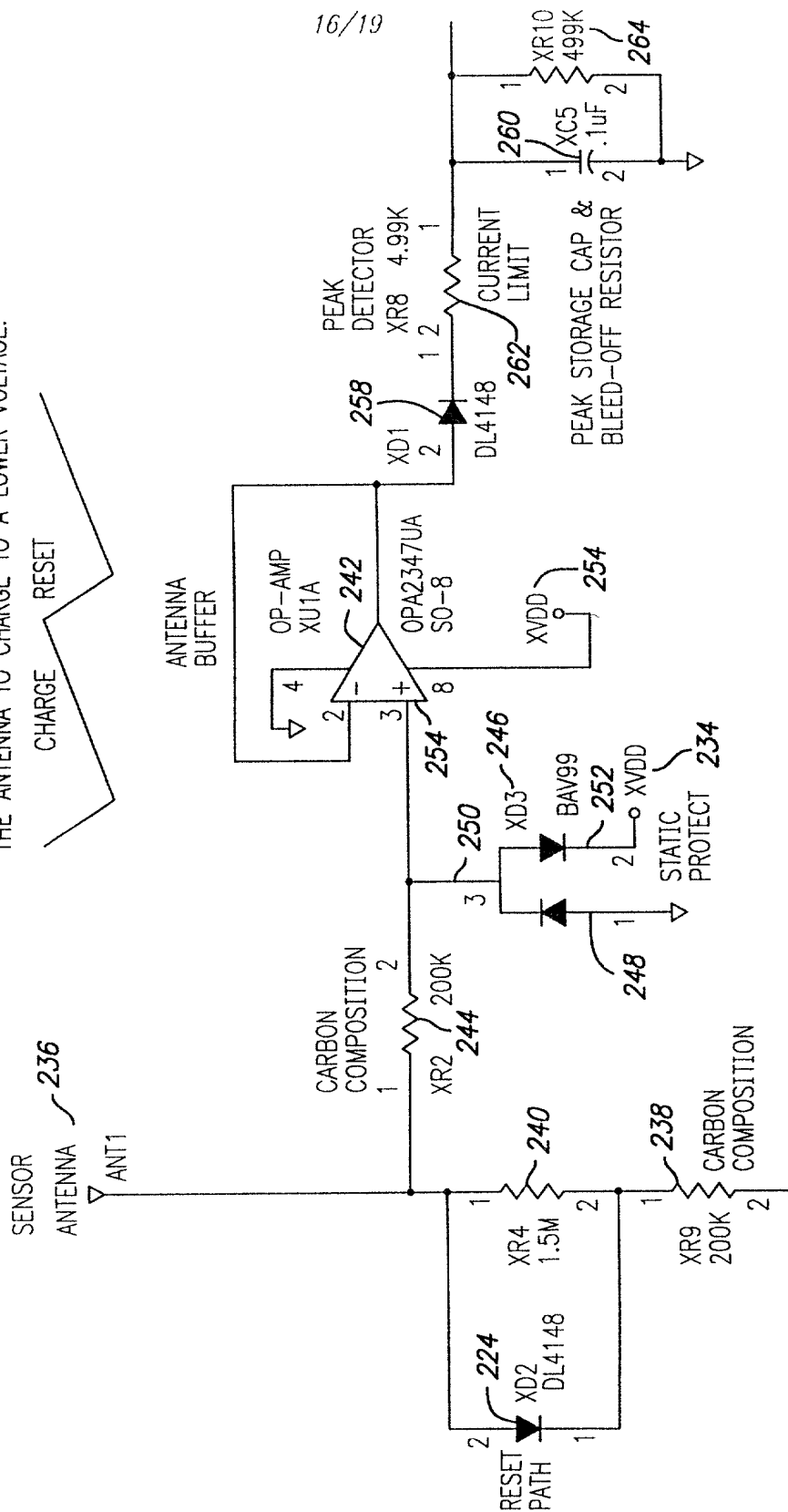


FIG. 10B

ADJUST VR1 (CHARGE-TIME ADJUST)  
FOR 3.0V BETWEEN TP1 & TP2.  
ALL EXTERNAL LOADING MUST BE  
IN PLACE BEFORE THIS ADJUSTMENT IS  
PERFORMED.

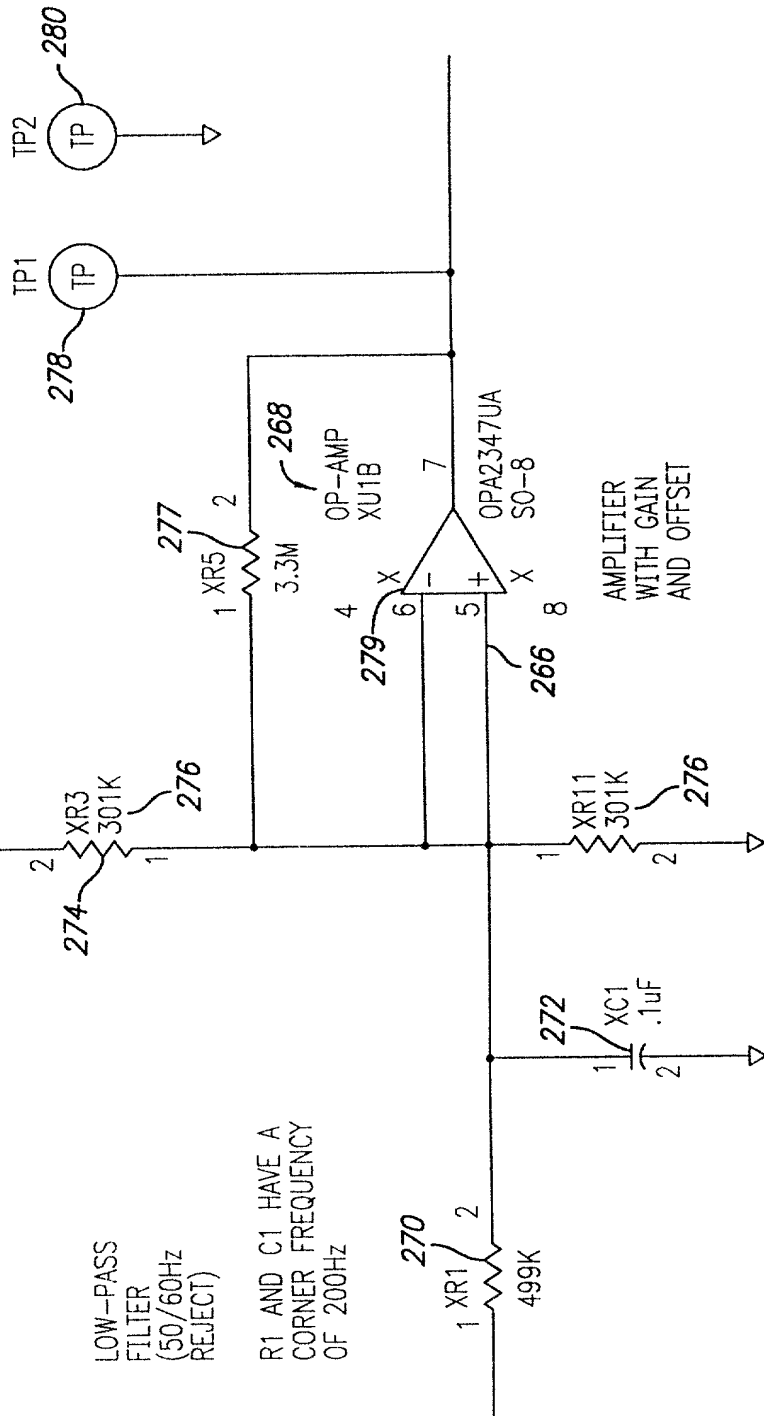
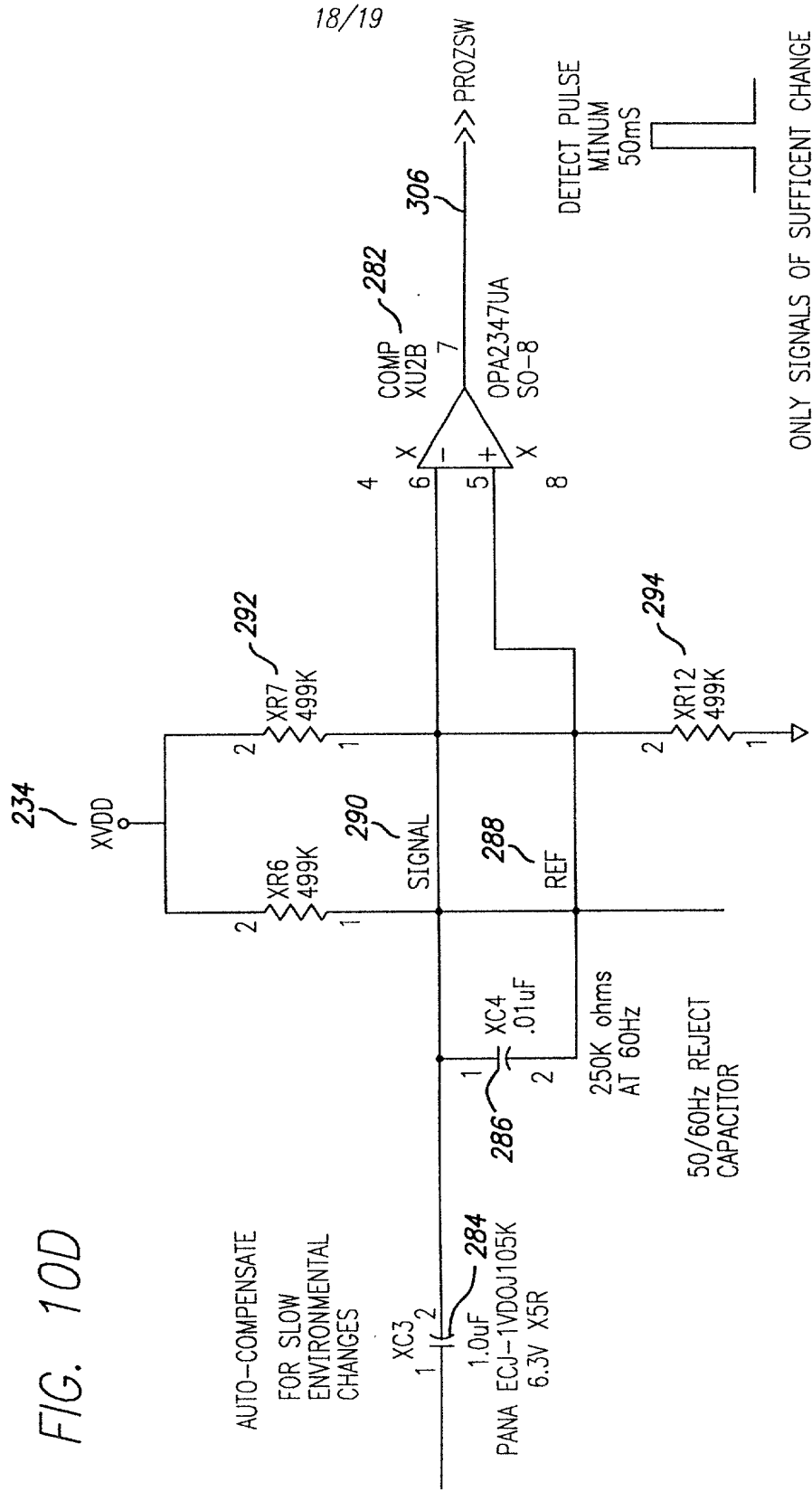


FIG. 10D



ONLY SIGNALS OF SUFFICIENT CHANGE  
(SPEED, AMPLITUDE, AND DURATION)  
WILL CAUSE AN OUTPUT PULSE.

THE 50/60Hz REJECT ALLOWS THE REF  
TO TRACK WITH THE SIGNAL WHEN IN  
PRESENCE OF 50/60Hz FIELDS.